

Hardware Requirements

File Server

SpeedyPOSV6 will work well with Microsoft Windows 2000, 2003 or 2008 Server in either a 32 bit or 64 bit architecture as the operating systems for your network. **For more information click here for our networking best practices.**http://wiki.wws5.com/doku.php?id=faq:windows_networking_best_practices

Workstations

Your workstations need not be as powerful and robust as your Server hardware, but faster is better. For minimum requirements of exactly which CPU, RAM etc to purchase, please refer to the Minimum Requirements for the Operating System Software that you are going to purchase with your hardware.

These machines can run Windows 2000, XP, Vista or Windows 7.

Network Cards and Switches

We recommend any reasonably high quality 100/1000 ethernet network cards due to their high-speed and superior quality. Low-end network cards can cause serious problems under load. The computers should be connected via a 100/1000 network switch or router.

General Printers







Laser printers are the best option because they are quiet, fast and can handle images very well for printing documents that enhance your company's identity (logos letterhead, etc).






Bar Code Hardware


We recommend the Symbol brand of scanners, but any scanner that supports pre-amble characters and uses a keyboard wedge or USB connection will work with SpeedyPOSV6. The scanners come in different shapes and sizes, from handhelds, to counter mounted to the large flat bed scanners like you see in grocery stores.






Cash Drawer

When an invoice is completed and is being printed, the software can send the codes to open the cash drawer. In most cases, the cash drawer will be hooked up to your receipt printer, but there are other methods of connecting the cash drawer to the computer.

1.		<p>The Metrologic Orbit is an aggressive, omni directional presentation/ hand-held laser bar code scanner. The Orbit is lightweight, rugged, small in size and BIG in performance.</p> <p>Part Number: MS7120-47 http://www.product-catalog.com/Metrologic/ms7120.pdf</p>
2.		<p>The Metrologic Voyager 9520 and 9540 are advanced auto-trigger, single line, laser bar code scanners that are equally effective hand held or in the stand for presentation scanning. The 9540 includes a trigger to eliminate incorrect scans.</p> <p>Part Number: MS9520-47 http://www.metrologic.com/corporate/pdfs/datasheets/pos/MS9520_current.pdf</p> <p>Part Number: MS9540 http://www.metrologic.com/corporate/pdfs/datasheets/pos/MS9540_current.pdf</p>
3.		<p>The Metrologic MS202x Series Stratos is a high performance in counter bi-optic scanner/scale designed for the most demanding high volume supermarket and point of sale applications. (20"Lx11.5 W x 7"H x 4"D)</p> <p>Part Number: MR202x http://www.metrologic.com/corporate/products/pos/ms202x.htm</p>
4.		<p>This Epson T88III thermal sales slip printer is the fastest in it's class with a print speed of 5.9 inches per sec and the convenience of drop-in paper loading. It's the perfect solution for selling environments that require fast and quiet printing with few consumables.</p> <p>Part Number: TM-T88III http://www.product-catalog.com/Epson/tmt88iii.pdf</p>
5.		<p>The Citizen IDP3550 is a compact, lightweight, high-speed, bi-directional, dot matrix, sales slip printer. It includes red and black print, auto load, paper end sensor, parallel interface and built in power supply.</p> <p>Part Number: IDP3550 http://www.product-catalog.com/Citizen/idp3550-3551.pdf</p>
6.		<p>The Logic Controls PD3000 2 X 20 pole display, comes with RS232 interface, DB9F connector, mounting plate and 120V AC adapter.</p> <p>Part Number: PD3000 http://www.product-catalog.com/Logic_Controls/pd3000.pdf</p>
7.		<p>The MMF Econo-Line II cash drawer has 2 slots for debit and credit slips. An Epson TM or Star interface is available. (18.81" W x 15.25" D x 3.87" H)</p>

		<p>Part Number: E200T04 http://www.product-catalog.com/MMF/econo2.pdf</p>
8.		<p>The Logic Controls, small footprint, CR3000 cash drawer includes a media slot and international cash tray. An Epson TM, Citizen IDP3550 or serial interface is available. (15.7" W x 16.1" D x 3.3" H)</p> <p>Part Number: CR3000 http://www.product-catalog.com/Logic_Controls/cr3000.pdf</p>
9.		<p>The Unitech dual-track, MSR (magnetic stripe reader) with PS2 (keyboard wedge) connector.</p> <p>Will need credit card authorization software such as www.mercurypay.com. Part Number: MSR200 http://www.product-catalog.com/Unitech/msr200.pdf</p>
10.		<p>The Magtec Mini MICR (Magnetic Ink Character Recognition) reader with optional 3- track MSR with PS2 (keyboard wedge) interface. Available in White and Dark Gray.</p> <p>Part Number: 22520001 http://www.magtek.com/docs/99875278.pdf</p>
11.		<p>U.S.A debit card PINpad.</p> <p>Verifone PINpad 1000 SE (Part 105-412) (PINPad only, separate MSR required)</p> <p>Part Number: See above More information regarding the 1000SE http://www.verifone.com/products/printers_peripherals/pinpads/index.html</p> <p>Note: Debit card support requires Windward System Five 5.31.23.x or newer. Must use Mercury Payments (www.mercurypay.com) Sterling Payments (www.sterlingpayment.com) or any other datacap supported processor for credit/debit card processing.</p> <p><i>Important:</i></p> <ul style="list-style-type: none"> • PINPads MUST be encrypted with a Dukpt encryption key for your debit card processor. This must be done by the hardware vendor. • These pinpads will not work with Terminal Services.
12.		<p>Canadian debit card PINPad. Verifone PINPad SC 5000 The SC 5000 is a hand-held PINpad with support for EMV smart card transactions, is PED-compliant and offers a range of security protections including tamper-detection circuitry and sophisticated encrypting including 3DES and AES. The user friendly design</p>

		<p>and large keys minimize user input errors.</p> <p>Part Number: SC 5000</p> <p>http://www.verifone.com/pdf/SC5000_NSC_Merchant_Sheet.pdf</p>
13		<p>The ELO Entuitive 1525 15" CRT Intellitouch monitor offers superior brightness, picture quality, and color purity with a durable, scratch resistant surface. ELO's surface wave technology provides a touch that is super sensitive, drift free and extremely precise. Choice of serial or USB interface is available.</p> <p>Part Number: 396036-000 http://www.elotouch.com/products/crts/1525c.asp</p>
14		<p>The compact ELO Entuitive 1527L LCD Intellitouch monitor is ideal for limited space environments. ELO's surface wave technology provides a durable, scratch resistant surface with superior clarity, resolution and light transmission. Choice of serial or USB interface available.</p> <p>Part Number: 991740-000 http://www.elotouch.com/products/lcds/1527l.asp</p>
15		<p>The Unitech K270 is a rugged, compact, programmable, 101 key POS keyboard that comes with an AT/XT interface and 21 relegendable keys.</p> <p>Part Number: K270-PS/2 http://www.product-catalog.com/Unitech/k270.pdf</p>
16		<p>The Unitech K2724 programmable POS keyboard provides 101 keys with AT/XT and PS/2 interfaces, plus an integrated dual-track magnetic stripe reader.</p> <p>Part Number: K2724 http://www.product-catalog.com/Unitech/k2724.pdf</p>
17		<p>The Zebra TLP2824 & TLP2844 direct thermal / thermal transfer bar code printers include a parallel interface, 203 dpi, 512KB flash, and 128KB RAM. Labels can be purchased on-line at www.zipzebra.com or by calling (866) 230-9495, toll-free.</p> <p>Part Number: TLP2824 (2" print head) http://www.product-catalog.com/Zebra/lp2824.pdf</p> <p>Part Number: TLP2844 (4" print head) http://www.product-catalog.com/Zebra/2844.pdf</p>
18		<p>Popular with nursery/garden center businesses, the TEC B572 prints on a wide range of stock thicknesses plus stocks with various degrees of smoothness. It offers direct or thermal transfer</p>

		<p>printing at 305 DPI with a 127.5 mm print head.</p> <p>Part Number: B572 http://www.amerbar.com/catalog/B-572.pdf</p>
19		<p>The Unitech HT-630 portable data collection terminal includes an Integrated laser or CCD scanner for 1D barcode reading, 8.5MB of RAM, 80MHz processor. Its optional docking station offers Ethernet, modem and RS232 connectivity.</p> <p>Part Number: HT-630 http://www.ute.com/files/broschures/29_HT630-REV.B.PDF</p>
20		<p>The PT063-1 charging and communication cradle for the Unitech PT630 terminal permits faster charging plus the ability to charge an extra battery while the PT630 is in use.</p> <p>Part Number: PT063-1 http://www.ute.com/products/pt063-1.html</p>
21		<p>MC50 Wireless Enterprise Digital Assistant (WLAN, PICO Imager, 64/64, QWE PPC03, 1X Battery and ROHS)</p> <p>Mobile Terminals are for use with System Five Web Wireless. Functions supported are Customer Lookup, Sales, Part Lookup. A wireless infrastructure is needed. This is NOT intended for use as a data collector. Part Number: SYM-MC5040PK0DBQEA7W http://www.product-catalog.com/Symbol/mc50.pdf</p>
22		<p>MC70 Wireless Enterprise Digital Assistant 2D, WLAN, 64/128, QWERTY, WM5, Bluetooth, 2X and ROHS).</p> <p>Mobile Terminals are for use with System Five Web Wireless. Functions supported are Customer Lookup, Sales, Part Lookup. A wireless infrastructure is needed. This is NOT intended for use as a data collector.</p> <p>Part Number: SYM-MC7090PK0DJQFA8R http://www.product-catalog.com/Symbol/mc70.pdf</p>
23		<p>The SignatureGem Backlit LCD 1x5 signature capture pad. Reliable, long lasting construction. Tethered PenGem Active Pen with over 30 million tip activations. Tested with Serial interface. Not available in 5.32 release.</p> <p>Part Number: Z-T-LBK462-B http://www.topazsystems.com/SignatureGem_LCD/SigGemLCD1X5.pdf</p>

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Ingenico i6780 This device is a pinpad, signature capture and magnetic stripe reader all in one. Large customizable color display. Pinpad operation is only available to businesses located in the US. It is available in USB-HID, USB-COM, Powered USB, and RS232. Use the RS232 for powered USB ports.

Important:

- When purchasing specify OPOS driver model.
- PINPads MUST be encrypted with a Dukpt encryption key for your debit card processor. This must be done by the hardware vendor.
- Use RS232 cable with Terminal Services 2003 .

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Ingenico i6550 Monochrome customizable display. PINPad operation is only available to businesses located in the US. This device is a pinpad, signature capture and magnetic stripe reader all in one. It is available in USB-HID, USB-COM, Powered USB, and RS232. Use the RS 232 for Terminal Services. Powered USB requires that your computer has these rare powered USB ports

Important:

- When purchasing specify OPOS driver model.
- PINPads MUST be encrypted with a Dukpt encryption key for your debit card processor. This must be done by the hardware vendor.
- Use RS232 cable with Terminal Services 2003 .